

CLAIMS

What is claimed is:

1. A circuit board assembly which is especially effective for insertion and removal even when fully populated with printed circuit cards, said circuit board assembly comprising:
 - a printed circuit board having an electrical connector disposed along one edge thereof;
 - a nonconductive base substantially coextensive with said printed circuit board upon which said printed circuit board is mounted; and
 - a stiffener disposed on said printed circuit board on the side thereof opposite said base, said stiffener also being substantially coextensive with said printed circuit board.
2. The circuit board assembly of claim 1 in which said stiffener is metal.
3. The circuit board assembly of claim 1 in which said base is a polymeric material.
4. The circuit board assembly of claim 1 in which said printed circuit board further includes electrical connectors disposed thereon for insertion of printed circuit cards, said connectors for insertion of said printed circuit cards extending through apertures in said stiffener.
5. The circuit board assembly of claim 4 further including a plurality of guides having slots therein with said slots being aligned with and disposed adjacent to said printed circuit card connectors, said slots extending substantially parallel to said printed circuit board.
6. The circuit board assembly of claim 5 in which said guides are affixed to said stiffener.